

IN THE DRAWINGS

Delete Figures 3a and 3b and substitute Figure 3 attached hereto.

Delete Figure 11 and renumber Figure 12 as Figure 11.

IN THE CLAIMS:

Pursuant to 37 C.F.R. §1.121(c)(3), a clean version of the pending claims is submitted below. A marked up version of the amended claims is submitted as attachment 3.

1. (amended) A differential pressure measurement probe adapted for placement within a fluid-carrying conduit, the probe²⁰ comprising:

a high pressure plenum⁴² configured to couple to a first pressure sensor port³⁶, the first plenum including an impact surface⁴⁶ with at least one impact aperture⁴⁸ disposed therein to communicate pressure from the impact surface to the first pressure sensor port³⁶;

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a non-impact surface spaced from the impact surface, the non-impact surface having at least one non-impact aperture⁵² disposed therein to communicate pressure from the non-impact surface to a second pressure sensor port⁴⁰; and

wherein the impact surface extends longitudinally and is substantially flat, such that fluid within the conduit impinges upon the substantially flat impact surface.

2. (amended) The probe of claim 1, and further comprising a low pressure plenum, and wherein the non-impact surface is disposed on the second plenum.

3. (amended) The probe of claim 2, wherein the high and low pressure plenums are spaced by a longitudinal rib configured to extend downstream.